

IN THE CLAIMS:

Please amend the claims to read as follows:

Claim 1 (Currently Amended). A cleaning method utilizing nanobubbles, which comprises cleaning an object with water comprising nanobubbles generated by a cavitation by ultrasonic wave.

Claim 2 (Original). The cleaning method utilizing nanobubbles according to claim 1, wherein the water is ultra-pure water and the object is a nanotechnology-associated equipment.

Claim 3 (Original). The cleaning method utilizing nanobubbles according to claim 1, wherein the object is an industrial equipment.

Claim 4 (Original). The cleaning method utilizing nanobubbles according to claim 1, wherein the object is an organism.

Claim 5 (Previously Presented). The cleaning method utilizing nanobubbles according to claim 3, wherein the water comprising nanobubbles is electrolyzed water, ionized alkaline water or acid water.

Claim 6 (Previously Presented). The cleaning method utilizing nanobubbles according to claim 1, wherein the water comprising nanobubbles further comprises microbubbles.

Claim 7 (Withdrawn). A cleaning apparatus utilizing nanobubbles, which comprises: a device for generating nanobubbles within water; and a water supply device for supplying water comprising nanobubbles to an object to be cleaned.

Claim 8 (Withdrawn). The cleaning apparatus utilizing nanobubbles according to claim 7, wherein the water is ultra-pure water and the object is a nanotechnology-associated equipment.

Claim 9 (Withdrawn). The cleaning apparatus utilizing nanobubbles according to claim 7, wherein the object is an industrial equipment.

Claim 10 (Withdrawn). The cleaning apparatus utilizing nanobubbles according to claim 7, wherein the object is an organism.

Claim 11 (Withdrawn). The cleaning apparatus utilizing nanobubbles according to claim 9, wherein the water comprising nanobubbles is electrolyzed water, ionized alkaline water or acid water.

Claim 12 (Withdrawn). The cleaning apparatus utilizing nanobubbles according to claim 7, wherein the water comprising nanobubbles further comprises microbubbles.

Claim 13 (Withdrawn). A method for cleaning polluted water by utilizing nanobubbles, which comprises purifying polluted water with nanobubbles and microbubbles.

Claim 14 (Withdrawn). An apparatus for cleaning polluted water by utilizing nanobubbles, which comprises a device for mixing nanobubbles and microbubbles into polluted water.

Claim 15 (Withdrawn). A method for recovering fatigue of an organism by utilizing nanobubbles, which comprises contacting water comprising nanobubbles with the surface of an organism to thereby recover fatigue of the organism.

Claim 16 (Withdrawn). The method for recovering fatigue of an organism by utilizing nanobubbles according to claim 15, wherein the water comprising nanobubbles further comprises microbubbles.

Claim 17 (Withdrawn). The method for recovering fatigue of an organism by utilizing nanobubbles according to claim 15, wherein a means for contacting the water with the surface of an organism is a bathtub.

Claim 18 (Withdrawn). An apparatus for recovering fatigue of an organism by utilizing nanobubbles, which comprises: a device for generating nanobubbles within water; and a means for contacting water comprising nanobubbles with the surface of an organism.

Claim 19 (Withdrawn). The apparatus for recovering fatigue of an organism by utilizing nanobubbles according to claim 18, wherein the water comprising nanobubbles further comprises microbubbles.

Claim 20 (Withdrawn). The apparatus for recovering fatigue of an organism by utilizing nanobubbles according to claim 18, wherein the means for contacting water with the surface of an organism is a bathtub.

Claim 21 (Withdrawn). A method for a chemical reaction utilizing nanobubbles, which comprises carrying out a chemical reaction by utilizing a liquid comprising nanobubbles.

Claim 22 (Withdrawn). The method for a chemical reaction utilizing nanobubbles according to claim 21, wherein the chemical reaction is a nonequilibrium chemical reaction.

Claim 23 (Withdrawn). The method for a chemical reaction utilizing nanobubbles according to claim 21, wherein the nanobubbles act as a catalyst in the chemical reaction.

Claim 24 (Withdrawn). An apparatus for a chemical reaction utilizing nanobubbles, which comprises utilizing a liquid comprising nanobubbles for a chemical reaction.

Claim 25 (Withdrawn). The apparatus for a chemical reaction utilizing nanobubbles according to claim 24, wherein the chemical reaction is a nonequilibrium chemical reaction.

Claim 26 (Withdrawn). The apparatus for a chemical reaction utilizing nanobubbles according to claim 24, wherein the nanobubbles act as a catalyst in the chemical reaction.

Claim 27 (Withdrawn). A method for purification and sterilization utilizing nanobubbles, which comprises utilizing water comprising nanobubbles for purifying and sterilizing a plant.

Claim 28 (Withdrawn). The method for purification and sterilization utilizing nanobubbles according to claim 27, wherein the plant is at least one of vegetables, fruits, crops and foods.

Claim 29 (Withdrawn). An apparatus for purification and sterilization utilizing nanobubbles, which comprises a means for contacting water comprising nanobubbles to a plant to thereby purify and sterilize the plant.

Claim 30 (Withdrawn). The apparatus for purification and sterilization utilizing nanobubbles according to claim 29, wherein the plant is at least one of vegetables, fruits, crops and foods.

Claim 31 (Withdrawn). A method for purification and sterilization utilizing nanobubbles, which comprises purifying and sterilizing water within a pool or a water tank by nanobubbles.

Claim 32 (Withdrawn). An apparatus for purification and sterilization utilizing nanobubbles, which comprises a device for mixing nanobubbles into a pool or a water tank.

Claim 33 (Previously Presented). The method according to claim 1, wherein the nanobubbles are generated at least by application of an ultrasonic wave or by electrolysis.

Claim 34 (Withdrawn). The method according to claim 13, wherein the nanobubbles are generated at least by application of an ultrasonic wave or by electrolysis.

Claim 35 (Withdrawn). The method according to claim 15, wherein the nanobubbles are generated at least by application of an ultrasonic wave or by electrolysis.

Claim 36 (Withdrawn). The method according to claim 21, wherein the nanobubbles are generated at least by application of an ultrasonic wave or by electrolysis.

Claim 37 (Withdrawn). The method according to claim 29, wherein the nanobubbles are generated at least by application of an ultrasonic wave or by electrolysis.

Claim 38 (Withdrawn). The method according to claim 31, wherein the nanobubbles are generated at least by application of an ultrasonic wave or by electrolysis.